

To: Harding, George[harding.george@epa.gov]
Cc: COUTU Clary[clary.coutu@keoliscs.com]; HAZLE Dean[dean.hazle@keoliscs.com]; Bill
Betterers[bbetters@cdwconsultants.com]
From: Marian Rambelle[mrambelle@cdwconsultants.com]
Sent: Thur 5/11/2017 12:55:26 AM (UTC)
Subject: MA0003590 - CRMF 4/3 and 5/1 water quality criteria exceedances

Hello George,

Per my voicemail yesterday, I provided oral notification on behalf of our client, Keolis Commuter Services, of effluent sample results that exceeded the freshwater aquatic chronic criteria for aluminum and lead. The samples were collected at the MBTA Commuter Rail Maintenance Facility (CRMF) (NPDES permit no. MA0003590) under the sampling program requested in EPA's Section 308 letter dated March 2, 2017, as described in my 3/31/17 email. This sampling program is being conducted to support the development of the reissuance of the permit.

The sampling program includes three rounds of monthly Whole Effluent Toxicity (WET) sampling at the permit-required effluent sampling location at Drain Manhole (DMH) 13.4. The 1st monthly sample was collected on April 3, 2017 and the 2nd monthly sample was collected on May 1, 2017. At DMH 13.4, Total Aluminum was detected in the 1st and 2nd monthly samples at concentrations of 448.5 and 259.2 ug/l, respectively, and Total Lead was detected at 4.36 and 3.41 ug/l, respectively. These results exceed the National Recommended Water Quality Criteria – Freshwater Aquatic CCC (chronic) (8/22/2013) for Total Aluminum of 87 ug/l and for Total Lead of 2.5 ug/l. However, these results are below the National Recommended Water Quality Criteria – Freshwater Aquatic CMC (acute) (8/22/2013) of 750 and 65 ug/l, respectively.

One additional monthly sampling round will be conducted per EPA's Section 308 letter and the results will be closely monitored. As we discussed previously, I believe no further written notification is required.

Please let us know if you would like any additional information regarding these results, or if you have any questions.

Thank you,
Marian

Marian Rambelle
Senior Environmental Engineer

CDW CONSULTANTS, INC.
40 Speen Street Suite 301
Framingham, MA 01701
508-875-2657 x28
www.cdwconsultants.com

CDW is a Massachusetts certified WBE & DBE.

The information contained in this transmission is privileged, confidential and intended only for the use of the individual or entity named above. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this e-mail transmission is strictly prohibited. If you received this communication in error, please notify CDW Consultants, Inc. immediately by e-mail. Thank you.

ED_004664_00000001-00001